

# sequence listing.ST25.txt SEQUENCE LISTING

Nieto, Enrique Gerardo Guillen Acosta, Anabel Alvarez Munoz, Luis Emilio Carpio Vazquez, Diogenes Quintana Rodriguez, Carmen Elena Gomez Rodriguez, Recardo de la Caridad Siva Galvez, Consuelo Nazabal Angulo, Maria de Jesus Leal Dunn, Alejandro Miguel Martin <120> Expression System of Heterologous Antigens as Fusion Proteins <130> LEXSA P-13DIV2 09/612,925 <140> <141> 2000-07-10 US 08/930,917 <150> <151> 1997-09-16 PCT/CU97/00001 <150> 1997-01-17 <151> <160> 31 <170> PatentIn version 3.2 <210> 1797 <211> <212> DNA <213> Neisseria meningitidis (group B) <400> atgctagata aaagaatggc tttagttgaa ttgaaagtgc ccgacattgg cggacacgaa 60 120 aatgtagata ttatcgcggt tgaagtaaac gtgggcgaca ctattgctgt ggacgatacc ctgattactt tggaaaccga taaagcgact atggacgtac ctgctgaagt tgcaggccta 180 gtcaaagaag ttaaagttaa agtcggcgac aaaatctctg aaggtggttt gattgtcgtc 240 gttgaagctg aaggcacggc agccgctcct aaagccgaag cggctgccgc cccggcgcaa 300 gaagccccta aagctgccgc tcctgctccg caagccgcgc aattcggcgg ttctgccgat 360 420 gccgagtacg acgtggtcgt attgggtggc ggtcccggcg gttactccgc tgcatttgcc 480 cctgccgatg aaggcttgaa agtcgccatc gtcgaacgtt acaaaacttt gggcggcgtt tgcctgaacg tcggctgtat cccttccaaa gccttgttgc acaatgccgc cgttatcgac 540 gaagtgcgcc acttggctgc caacggtatc aaataccccg agccggaact cgacatcgat 600 660 atgcttcgcg cctacaaaga cggcgtagtt tcccgcctca cgggcggttt ggcaggtatg gcgaaaagcc gtaaagtgga cgttatccaa ggcgacgggc aattcttaga tccgcaccac 720 ttggaagtgt cgctgactgc cggcgacgcg tacgaacagg cagcccctac cggcgagaaa 780 840 aaaatcgttg ccttcaaaaa ctgtatcatt gcagcaggca gccgcgtaac caaactgcct Page 1

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<sup>&</sup>lt;213> Neisseria meningitidis (group B)

<sup>&</sup>lt;210> 3 <211> 146

<sup>&</sup>lt;213> Neisseria meningitidis (group B)

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Gly Gly Ala Arg Gln Ser Thr Pro Ile Gly Leu Gly Gly Ala Leu Tyr 65 70 75 80

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Arg Val Ile Tyr Ala Thr Ala Gly Gly Gly Ala Arg Lys Arg Ile His 100 105 110

Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Ala Gly Gly Gly Ala Arg 115 120 125

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sequence listing.ST25.txt
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sequence listing.ST25.txt
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Arg Gly Ile Arg Ile Gly Pro Gly Arg Ala Ile Leu Ala Thr Ala Gly Page 9

Gly Gly Ala Arg Gln Ser Thr Pro Ile Gly Leu Gly Gly Ala Leu Tyr 65 70 75 80

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Thr Thr Ala Gly Gly Gly Ala Arg Lys Ser Ile Thr Lys Gly Pro Gly 85 90 95

Arg Val Ile Tyr Ala Thr Ala Gly Gly Gly Ala Arg Lys Arg Ile His 100 105 110

Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Ala Gly Gly Gly Ala Arg 115 120 125

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Asp Thr Ile Ala Val Asp Asp Thr Leu Ile Thr Leu Asp Leu Asp Ser 35 40 45

Arg Gly Ile Arg Ile Gly Pro Gly Arg Ala Ile Leu Ala Thr Ala Gly 50 60

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sequence listing.ST25.txt
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Neisseria meningitidis (group B)

<sup>&</sup>lt;400> 31

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